

Qi-Pu Lin

List of Publications by Year in descending order

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79
papers

4,465
citations

117453

34
h-index

102304

66
g-index

88
all docs

88
docs citations

88
times ranked

5425
citing authors

#	ARTICLE	IF	CITATIONS
1	New Heterometallic Zirconium Metalloporphyrin Frameworks and Their Heteroatom-Activated High-Surface-Area Carbon Derivatives. <i>Journal of the American Chemical Society</i> , 2015, 137, 2235-2238.	6.6	254
2	Heterometal-Embedded Organic Conjugate Frameworks from Alternating Monomeric Iron and Cobalt Metalloporphyrins and Their Application in Design of Porous Carbon Catalysts. <i>Advanced Materials</i> , 2015, 27, 3431-3436.	11.1	231
3	Synthesis, Structure, and Luminescent Properties of Hybrid Inorganic-Organic Framework Materials Formed by Lead Aromatic Carboxylates: Inorganic Connectivity Variation from 0D to 3D. <i>Inorganic Chemistry</i> , 2009, 48, 6517-6525.	1.9	204
4	Boosting Photocatalytic Hydrogen Production of Porphyrinic MOFs: The Metal Location in Metalloporphyrin Matters. <i>ACS Catalysis</i> , 2018, 8, 4583-4590.	5.5	184
5	Acid and Base Resistant Zirconium Polyphenolate-Metalloporphyrin Scaffolds for Efficient CO ₂ Photoreduction. <i>Advanced Materials</i> , 2018, 30, 1704388.	11.1	184
6	Incorporation of iron hydrogenase active sites into a highly stable metal-organic framework for photocatalytic hydrogen generation. <i>Chemical Communications</i> , 2014, 50, 10390.	2.2	172
7	Single-Walled Polytetrazolate Metal-Organic Channels with High Density of Open Nitrogen-Donor Sites and Gas Uptake. <i>Journal of the American Chemical Society</i> , 2012, 134, 784-787.	6.6	169
8	Synthesis and Photocatalytic Properties of a New Heteropolyoxoniobate Compound: K ₁₀ [Nb ₂ O ₂ (H ₂ O) ₂] ₁₂ [SiNb ₁₂ O ₄₀] ₁₂ H ₂₄ . <i>Journal of the American Chemical Society</i> , 2011, 133, 6934-6937.	6.6	168
9	Water-Soluble and Ultrastable Ti ₄ L ₆ Tetrahedron with Coordination Assembly Function. <i>Journal of the American Chemical Society</i> , 2017, 139, 16845-16851.	6.6	145
10	Cooperative Crystallization of Heterometallic Indium-Chromium Metal-Organic Polyhedra and Their Fast Proton Conductivity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7886-7890.	7.2	141
11	Using alkaline-earth metal ions to tune structural variations of 1,3,5-benzenetricarboxylate coordination polymers. <i>Dalton Transactions</i> , 2013, 42, 2294-2301.	1.6	134
12	Topology Analysis and Nonlinear-Optical-Active Properties of Luminescent Metal-Organic Framework Materials Based on Zinc/Lead Isophthalates. <i>Inorganic Chemistry</i> , 2008, 47, 8286-8293.	1.9	132
13	Mimicking High-Silica Zeolites: Highly Stable Germanium- and Tin-Rich Zeolite-Type Chalcogenides. <i>Journal of the American Chemical Society</i> , 2015, 137, 6184-6187.	6.6	123
14	A chiral tetragonal magnesium-carboxylate framework with nanotubular channels. <i>Chemical Communications</i> , 2011, 47, 11852.	2.2	117
15	Efficient Oxygen Electroreduction: Hierarchical Porous Fe-N-doped Hollow Carbon Nanoshells. <i>ACS Catalysis</i> , 2015, 5, 3887-3893.	5.5	117
16	Framework Cationization by Preemptive Coordination of Open Metal Sites for Anion-Exchange Encapsulation of Nucleotides and Coenzymes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2768-2772.	7.2	116
17	High CO ₂ and H ₂ Uptake in an Anionic Porous Framework with Amino-Decorated Polyhedral Cages. <i>Chemistry of Materials</i> , 2012, 24, 2624-2626.	3.2	109
18	Efficient oxygen reduction by nanocomposites of heterometallic carbide and nitrogen-enriched carbon derived from the cobalt-encapsulated indium-MOF. <i>Chemical Communications</i> , 2014, 50, 15619-15622.	2.2	89

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19	Photochemical In Situ Exfoliation of Metal-Organic Frameworks for Enhanced Visible-Light-Driven CO ₂ Reduction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23588-23592.	7.2	83
20	Multifunctional Homochiral Lanthanide Camphorates with Mixed Achiral Terephthalate Ligands. <i>Inorganic Chemistry</i> , 2010, 49, 9257-9264.	1.9	82
21	A novel sandwich-type polyoxometalate compound with visible-light photocatalytic H ₂ evolution activity. <i>Chemical Communications</i> , 2011, 47, 3918.	2.2	81
22	From cage-in-cage MOF to N-doped and Co-nanoparticle-embedded carbon for oxygen reduction reaction. <i>Dalton Transactions</i> , 2015, 44, 6748-6754.	1.6	80
23	Breaking the Mirror: pH-Controlled Chirality Generation from a <i>meso</i> Ligand to a Racemic Ligand. <i>Chemistry - A European Journal</i> , 2009, 15, 989-1000.	1.7	67
24	Two Zeolite-Type Frameworks in One Metal-Organic Framework with Zn ₂₄ @Zn ₁₀₄ Cube-in-Sodalite Architecture. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8538-8541.	7.2	62
25	Nanoporous carbon derived from a functionalized metal-organic framework as a highly efficient oxygen reduction electrocatalyst. <i>Nanoscale</i> , 2017, 9, 862-868.	2.8	56
26	A Nine-Connected Mixed-Ligand Nickel-Organic Framework and Its Gas Sorption Properties. <i>Crystal Growth and Design</i> , 2011, 11, 3713-3716.	1.4	54
27	Optical Resolution of the Water-Soluble Ti ₄ (embonate) ₆ Cages for Enantioselective Recognition of Chiral Drugs. <i>Chemistry of Materials</i> , 2018, 30, 7769-7775.	3.2	49
28	A "pillar-free", highly porous metalloporphyrinic framework exhibiting eclipsed porphyrin arrays. <i>Chemical Communications</i> , 2013, 49, 2828.	2.2	47
29	Induction of trimeric [Mg ₃ (OH)(CO ₂) ₆] in a porous framework by a desymmetrized tritopic ligand. <i>Dalton Transactions</i> , 2012, 41, 2866.	1.6	45
30	Zeolitic Metal-Organic Frameworks Based on Amino Acid. <i>Inorganic Chemistry</i> , 2014, 53, 10027-10029.	1.9	44
31	A sensitive phosphorescent thiol chemosensor based on an iridium(III) complex with λ^2 -unsaturated ketone functionalized 2,2'-bipyridyl ligand. <i>Dalton Transactions</i> , 2010, 39, 8288.	1.6	43
32	Open framework metal chalcogenides as efficient photocatalysts for reduction of CO ₂ into renewable hydrocarbon fuel. <i>Nanoscale</i> , 2016, 8, 10913-10916.	2.8	42
33	Charge-tunable indium-organic frameworks built from cationic, anionic, and neutral building blocks. <i>Dalton Transactions</i> , 2015, 44, 16671-16674.	1.6	40
34	New Lithium Ion Clusters for Construction of Porous MOFs. <i>Crystal Growth and Design</i> , 2014, 14, 897-900.	1.4	38
35	Robust multivariate metal-porphyrin frameworks for efficient ambient fixation of CO ₂ to cyclic carbonates. <i>Chemical Communications</i> , 2019, 55, 412-415.	2.2	36
36	An infinite square lattice of super-supertetrahedral T ₆ -like tin oxyselenide clusters. <i>Chemical Communications</i> , 2014, 50, 4044.	2.2	35

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37	Porphyritic porous organic frameworks: preparation and post-synthetic modification via demetallation–remetallation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14876-14882.	5.2	34
38	A 2D polyoxometalate-based complex: spin-canting and metamagnetism. <i>CrystEngComm</i> , 2011, 13, 3686.	1.3	33
39	Protonated 3-amino-1,2,4-triazole templated luminescent lanthanide isophthalates with a rare (3,6)-connected topology. <i>CrystEngComm</i> , 2009, 11, 2734.	1.3	31
40	Elucidating J-Aggregation Effect in Boosting Singlet-Oxygen Evolution Using Zirconium–Porphyrin Frameworks: A Comprehensive Structural, Catalytic, and Spectroscopic Study. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 45118-45125.	4.0	29
41	Robust Porphyrin-Spaced Zirconium Pyrogallate Frameworks with High Proton Conduction. <i>Inorganic Chemistry</i> , 2019, 58, 3569-3573.	1.9	29
42	A Series of New Manganese(II) Sulfonate-Arsonates with 2D Layer, 1D Chain, and 0D Clusters Structures. <i>Inorganic Chemistry</i> , 2010, 49, 3489-3500.	1.9	27
43	Cooperative Crystallization of Heterometallic Indium–Chromium Metal–Organic Polyhedra and Their Fast Proton Conductivity. <i>Angewandte Chemie</i> , 2015, 127, 7997-8001.	1.6	26
44	Porphyritic coordination lattices with fluoropillars. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21189-21195.	5.2	26
45	Selective Ion Exchange and Photocatalysis by Zeolite–Like Semiconducting Chalcogenide. <i>Chemistry - A European Journal</i> , 2017, 23, 11913-11919.	1.7	25
46	Lanthanide Antimony Oxohalides: From Discrete Nanoclusters to Inorganic–Organic Hybrid Chains and Layers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8110-8113.	7.2	23
47	Energy Band Alignment and Redox–Active Sites in Metalloporphyrin–Spaced Metal–Catechol Frameworks for Enhanced CO ₂ Photoreduction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	23
48	Novel (3,6)-connected network and (4,6)-connected framework in two copper(II) and cadmium(II) complexes of flexible (2S,3S,4R,5R)-tetrahydrofuran-tetracarboxylic acid: synthesis, structure, thermostability, and luminescence studies. <i>CrystEngComm</i> , 2009, 11, 1934.	1.3	22
49	Canted antiferromagnetic behaviours in isostructural Co(ii) and Ni(ii) frameworks with helical 1vt topology. <i>CrystEngComm</i> , 2010, 12, 2938.	1.3	22
50	Temperature-Controlled Syntheses of Substituted 1,2,4-Triazolelead(II) Complexes: Active Lone Pair and N–H···X (X = Cl, Br, I) Hydrogen Bonds. <i>Inorganic Chemistry</i> , 2009, 48, 9992-9994.	1.9	21
51	Visible–Light–Driven, Tunable, Photoelectrochemical Performance of a Series of Metal–Chelate, Dye–Organized, Crystalline, CdS Nanoclusters. <i>Chemistry - A European Journal</i> , 2014, 20, 8297-8301.	1.7	21
52	A twelve-connected porous framework built from rare linear cadmium tricarboxylate pentamer. <i>Dalton Transactions</i> , 2012, 41, 3620.	1.6	20
53	Framework Cationization by Preemptive Coordination of Open Metal Sites for Anion–Exchange Encapsulation of Nucleotides and Coenzymes. <i>Angewandte Chemie</i> , 2016, 128, 2818-2822.	1.6	20
54	Configuration determination of flexible tetracarboxylate ligands in two supramolecular structures. <i>CrystEngComm</i> , 2009, 11, 1201.	1.3	18

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55	Integrating Zeolite-Type Chalcogenide with Titanium Dioxide Nanowires for Enhanced Photoelectrochemical Activity. <i>Langmuir</i> , 2017, 33, 13634-13639.	1.6	18
56	New Types of 3D Organically Templated Zn ²⁺ /Cd ²⁺ ~Cu ⁺ Mixed Metal Sulfites. <i>Inorganic Chemistry</i> , 2009, 48, 5454-5461.	1.9	17
57	Novel copper(II) sulfonate~arsonates with discrete cluster, 1D chain and layered structures. <i>Journal of Molecular Structure</i> , 2010, 984, 416-423.	1.8	16
58	Capturing in situ generated NH ₄ ⁺ ~NH ₃ molecule via the templating synthesis of a 4-connected open Cd(ii) framework. <i>CrystEngComm</i> , 2010, 12, 1024-1026.	1.3	15
59	A wide pH-range stable crystalline framework based on the largest tin-oxysulfide cluster [Sn ₂₀ O ₁₀ S ₃₄]. <i>Chemical Communications</i> , 2019, 55, 11083-11086.	2.2	15
60	Explorations of New Phases in the Ga ^{III} /In ^{III} -Cu ^{II} -Se ^{IV} -O System. <i>Inorganic Chemistry</i> , 2009, 48, 6794-6803.	1.9	13
61	Trapping in situ scission products of C=O ester bonds by unique coordination supramolecular architectures. <i>CrystEngComm</i> , 2009, 11, 1815.	1.3	12
62	Polymorphic Graphene-like Cuprous Germanosulfides with a High Cu-to-Ge Ratio and Low Band Gap. <i>Inorganic Chemistry</i> , 2014, 53, 13207-13211.	1.9	12
63	Organization of Lithium Cubane Clusters into Three-Dimensional Porous Frameworks by Self-Penetration and Self-Polymerization. <i>Crystal Growth and Design</i> , 2016, 16, 6531-6536.	1.4	11
64	Dual-cubic-cage based lanthanide sulfate~carboxylpyrazolate frameworks with high hydrolytic stability and remarkable proton conduction. <i>Chemical Communications</i> , 2019, 55, 2497-2500.	2.2	11
65	Charge~and Size~Complementary Multimetal~Induced Morphology and Phase Control in Zeolite~Type Metal Chalcogenides. <i>Chemistry - A European Journal</i> , 2018, 24, 10812-10819.	1.7	10
66	Optical limiting properties of metalloporphyrin-based zirconium-polyphenolate frameworks. <i>Journal of Solid State Chemistry</i> , 2020, 285, 121224.	1.4	10
67	Crystalline microporous small molecule semiconductors based on porphyrin for high-performance chemiresistive gas sensing. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12977-12983.	5.2	10
68	Homochiral 3D lanthanide camphorates with high thermal stability. <i>New Journal of Chemistry</i> , 2014, 38, 55-58.	1.4	9
69	Photochemical In Situ Exfoliation of Metal~Organic Frameworks for Enhanced Visible~Light~Driven CO ₂ Reduction. <i>Angewandte Chemie</i> , 2020, 132, 23794-23798.	1.6	8
70	Tin-oxychalcogenide supertetrahedral clusters maintained in a MTN zeolite-analog arrangement by coulombic interactions. <i>Chemical Communications</i> , 2020, 56, 8388-8391.	2.2	8
71	Acid~base resistant ligand-modified molybdenum~sulfur clusters with enhanced photocatalytic activity towards hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7138-7145.	5.2	7
72	Dimension-related magnetism in heterometallic complexes based on the same [LnCu(dicarboxylpyrazole) ₂] building moieties. <i>Journal of Solid State Chemistry</i> , 2018, 265, 29-35.	1.4	6

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73	Perfect Statistical Symmetrization of a Heterofunctional Ligand Induced by Pseudo-Copper Trimer in an Expanded Matrix of HKUST-1. <i>Crystal Growth and Design</i> , 2013, 13, 5175-5178.	1.4	5
74	Construction of Titanium-Based Metal-Organic Frameworks Based on the Ti/Cu Heteronuclear Cluster. <i>Inorganic Chemistry</i> , 2021, 60, 24-27.	1.9	4
75	Understanding the Efficiency and Selectivity of Two-Electron Production of Metalloporphyrin-Embedded Zirconium-Pyrogallol Scaffolds in Electrochemical CO ₂ Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52588-52594.	4.0	3
76	Energy Band Alignment and Redox-Active Sites in Metalloporphyrin-Spaced Metal-Catechol Frameworks for Enhanced CO ₂ Photoreduction. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	3
77	Synthesis and photoluminescence of organotin-dithiothreitol clusters. <i>Journal of Solid State Chemistry</i> , 2021, 297, 122056.	1.4	2
78	Modification of metallic and non-metallic sites in pentasupertetrahedral chalcogenidometalate clusters for third-order nonlinear optical response. <i>Dalton Transactions</i> , 2022, 51, 2660-2663.	1.6	2
79	Cationic complex directed thiostannate layers with excellent proton conduction and photocatalytic properties. <i>CrystEngComm</i> , 0, , .	1.3	1